Index of Claims

| Application/Control  | No. |
|----------------------|-----|
| , debuganous control |     |

10/789,816 Examiner

Sharad Rampuria

Applicant(s)/Patent under Reexamination

ONYON ET AL.

Art Unit

2688

| 7 | Rejected |
|---|----------|
| _ | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| 4 | Appeal   |
|---|----------|
| 0 | Objected |

|          |          |          |              |  |  |   |              |          |                 |          |          |          |                | _        |                 |          |          |          |          |        |   |             |            |                 |          |                     |          |          |                             |          |
|----------|----------|----------|--------------|--|--|---|--------------|----------|-----------------|----------|----------|----------|----------------|----------|-----------------|----------|----------|----------|----------|--------|---|-------------|------------|-----------------|----------|---------------------|----------|----------|-----------------------------|----------|
| Cla      | aim .    | L        | _            | _  | !                                      | Dat   | <u>e</u>     |          |                 |          | Cla      | aim      | <u> </u>       |          | _               | _₽       | ate      |          |          |        | 1 | Cla         | aim        | <u> </u>        |          |                     | _[       | ate      | <del>-</del>                |          |
| Final    | Original | 11/25/05 |              |  |  |   |              |          |                 |          | Final    | Original | 11/25/05       |          |                 |          |          |          |          |        |   | Final       | Original   |                 |          |                     |          |          |                             |          |
|          | 1        | 1        | 1            | T  | t                                      | t   |              | П        | $\Box$          |          |          | 51       | V              | П        | $\exists$       | 寸        | 7        | +        | $\dashv$ |        | 1 |             | 101        | H               | 一        | $\dashv$            |          |          | $\dashv$                    | 十        |
|          | 2        | Ţ        | Т            |  | Т                                      | 1   | T            |          | П               |          |          | 52       | ì              | П        |                 | 寸        | 7        | 寸        |          |        | 1 |             | 102        |                 |          | $\neg$              | $\neg$   | $\neg$   | 一                           | _        |
|          | 3        | П        |              |  |  |   |              |          |                 |          |          | 53       | $\sqcap$       | П        |                 |          |          | $\dashv$ |          |        | 1 |             | 103        |                 |          |                     |          |          |                             | 十        |
|          | 4        |          |              |  |  |   |              |          |                 |          |          | 54       | $\prod$        |          |                 |          |          | $\Box$   |          |        | 1 |             | 104        |                 |          |                     |          |          |                             | $\top$   |
|          | 5        |          |              |  |  |   |              |          |                 |          |          | 55       | П              |          |                 |          |          | $\neg$   |          | 1      | 1 |             | 105        | П               |          |                     |          |          | $\sqcap$                    | $\top$   |
|          | 6        |          |              |  |  |   | П            |          |                 |          |          | 56       | П              |          |                 |          |          | П        |          |        | ] |             | 106        |                 |          |                     |          |          | $\Box$                      | $\neg$   |
|          | 7        |          |              |  |  |   |              |          |                 |          |          | 57       | $\prod$        |          |                 |          |          |          |          |        | } |             | 107        |                 |          |                     |          |          |                             | $\Box$   |
|          | 8        | Ц        | $oxed{oxed}$ |  |  | $\perp$   |              |          | Ш               | _        |          | 58       | Ш              |          |                 |          |          |          |          |        |   | L           | 108        | Ш               |          |                     |          |          |                             |          |
|          | 9        | Ц        | _            | L  |  | <u> </u>  |              |          | Ш               |          | L        | 59       | Ц              | Ш        |                 | $\perp$  |          |          |          |        | ] |             | 109        |                 |          |                     |          |          | Ш                           |          |
|          | 10       | Ц        | ↓            |  | <u> </u>                               | ┖   | ļ            |          | Ш               |          | L        | 60       | Ц              | Ш        |                 | _        | _        |          |          |        | _ | L           | 110        | Ш               |          |                     |          | _        |                             |          |
|          | 11       | Ц        | _            | <u> </u>   | L.                                     | L   | $oxed{oxed}$ |          |                 | _        |          | 61       | Ш              | Ш        |                 |          | 4        | _        | _        |        | _ |             | 111        | Ш               |          |                     |          | $\Box$   | $\perp$                     |          |
| L        | 12       | Ц        | ╄            | <u> </u>   | <u> </u>                               | ┖   | ļ            |          | Ц               | _        |          | 62       | Ш              |          |                 | _        | _        | _        | 4        | $\bot$ | 4 |             | 112        | Щ               |          |                     |          | _        | ightarrow                   | $\perp$  |
| <u> </u> | 13       | Ц        | ₩            | ļ.,  | ļ                                      | ļ   | <u> </u>     |          |                 |          | ļ        | 63       | Щ              | Ш        | $\dashv$        | _        | _        | 4        | _        | 4      | _ | <u> </u>    | 113        | Ш               |          | _                   |          | _        | <del></del>                 | _        |
|          | 14       | Ц        | <u> </u>     |  | <u> </u>                               | ⊢   | ┞            |          |                 | _        | <u> </u> | 64       | Н              | Ш        | $\dashv$        | $\dashv$ | $\dashv$ | 4        | _        |        | 4 | <u>├</u>    | 114        | Щ               |          |                     |          | _        | ┷                           | _        |
| -        | 15       | Н        | -            | -  | <u> </u>                               | ┞   | ├-           |          |                 | _        | -        | 65       | Н              | Н        | $\dashv$        | -        |          | 4        | 4        | -      | - | <u> </u>    | 115        | $\sqcup$        | _        | _                   | _        | 1        | $\dashv$                    | $\dashv$ |
|          | 16<br>17 | Н        | +            | ⊢  | ┝                                      | ⊢   | ┢            |          | $\vdash$        |          | <u> </u> | 66       | H              |          | $\dashv$        | -        |          | +        | -        |        | - | <u> </u>    | 116        | $\vdash$        | _        | $\dashv$            |          |          | $\vdash$                    | -        |
|          |          | Н        | +            | ⊢  | ⊢                                      | ⊢   | $\vdash$     | H        | Н               |          |          | 67       | ₩              |          | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +        |        | ┨ | <u> </u>    | 117        | $\vdash$        | _        | -                   |          |          |                             | -        |
| -        | 18<br>19 | Н        | +            | -  | Ͱ                                      | ┢   | <u> </u>     |          | Н               | -        |          | 68<br>69 | H              | -        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | -      | ┨ | <u> </u>    | 118        | $\vdash \vdash$ | $\dashv$ | -                   | _        |          |                             | +        |
| -        | 20       | Н        | ╁            | ├  | ⊢                                      | ╁   | ╁            | H        | Н               | -        | -        | 70       | H              | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ |          |        | ┨ | -           | 119<br>120 |                 | $\dashv$ |                     |          |          | $\vdash$                    | +        |
| -        | 21       | H        | +            | -  | ┢                                      | ╁   | $\vdash$     | H        | $\vdash$        | $\dashv$ | -        | 71       | ╫              | Н        | $\dashv$        | $\dashv$ | $\dashv$ | -        |          | +      | ┨ | $\vdash$    | 121        | -               | -        |                     | _        |          | $\vdash$                    | +        |
| $\vdash$ | 22       | H        | ╁            | <del>  -</del>                                   | ⊢                                      | ╁   | ╁            |          | Н               | -        | -        | 72       | H              | -        | -               | $\dashv$ | -        | $\dashv$ | -+       | +      | ┨ | $\vdash$    | 122        | $\vdash$        | $\dashv$ | -                   |          |          | $\dashv$                    | +        |
| -        | 23       | H        | +            | H  | $\vdash$                               | H   |              |          |                 | $\dashv$ |          | 73       | H              | -        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -+       | ╅      | ┨ | _           | 123        | H               | $\dashv$ | $\dashv$            |          | -        | -+                          | +        |
| -        | 24       | Н        | ╁            | $\vdash$   | $\vdash$                               | H   | -            |          | $\vdash$        | $\dashv$ |          | 74       | H              | Н        | $\vdash$        | $\dashv$ | +        | +        | $\dashv$ | +      | ┪ | <b>-</b>    | 124        | Н               | -        | $\dashv$            | -        | -        | $\vdash$                    | +        |
| $\vdash$ | 25       | Ħ        | +            | <del>  -</del>                                   | $\vdash$                               | ╁   | $\vdash$     | <u> </u> |                 | $\dashv$ | -        | 75       | H              | -        |                 | $\dashv$ | 十        | +        | +        | _      | 1 |             | 125        |                 | $\dashv$ |                     | $\dashv$ |          | $\vdash$                    | +        |
|          | 26       | Ħ        | 1            | <del>                                     </del> | † –                                    | 1   | H            |          |                 | $\dashv$ |          | 76       | H              |          |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |        | 1 |             | 126        |                 | $\dashv$ |                     |          |          | $\vdash$                    | +        |
|          | 27       | Ħ        | T            |  | t                                      | l   |              |          |                 | $\dashv$ |          | 77       | H              |          |                 | _        | 寸        | _        | -+       |        | 1 |             | 127        | Н               | $\dashv$ | $\dashv$            | _        |          | $\vdash$                    | +        |
|          | 28       | Ħ        | T            | 1  | 一                                      | ✝   | $\vdash$     |          |                 | $\dashv$ |          | 78       | Ħ              | Н        | $\Box$          | 寸        | _        | $\dashv$ | 十        | $\top$ | 1 |             | 128        | $\vdash$        |          | $\vdash$            | _        |          | $\Box$                      | +        |
|          | 29       | Ħ        | 1            |  | T                                      | 1   | $\vdash$     |          | П               | _        |          | 79       | H              | Н        | Ħ               | $\dashv$ | _        | $\dashv$ | _        | $\top$ | 1 |             | 129        | H               | _        | $\neg$              |          |          | 一十                          | +        |
|          | 30       | 1        | 1            | T  | T                                      | 1   | _            |          | П               | _        |          | 80       | T              | П        |                 |          |          | 1        | T        | $\top$ | 1 |             | 130        |                 | $\neg$   |                     |          |          |                             | 十        |
|          | 31       | T        | 1            | 1  | Г                                      | T   | <u> </u>     |          | П               | _        |          | 81       | V              | П        |                 |          | 寸        | 寸        | 寸        | $\neg$ | 1 |             | 131        | 1               |          |                     |          |          | 一                           | 十        |
|          | 32       | Т        |              |  | Π                                      | Г   | Π            |          | П               | $\neg$   |          | 82       |                |          |                 |          |          |          | 寸        |        | 1 |             | 132        |                 |          |                     |          |          | П                           | $\neg$   |
|          | 33       | Π        |              |  |  |   |              |          |                 |          |          | 83       |                |          |                 |          |          |          |          |        | 1 |             | 133        |                 |          |                     |          |          | П                           |          |
|          | 34       | Щ        |              |  | $\Box$                                 | 匚   | L            |          |                 | $\Box$   |          | 84       |                |          |                 |          |          |          |          |        | ] |             | 134        |                 |          |                     |          |          |                             |          |
|          | 35       | Ц        |              | L.   | $\Box$                                 | $oxedsymbol{ox{oxed}}}}}$ | 匚            |          | Ш               | _]       |          | 85       | 匚              | Ш        | $\square$       | $\Box$   |          | Ţ        | I        |        |   |             | 135        |                 |          |                     |          |          | $\square$                   |          |
|          | 36       | 1        | 1            | <u> </u>   | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | <u> </u>  | <u> </u>     |          | Ш               | _        |          | 86       |                | Ш        | $\Box$          |          | [        | $\perp$  | $\perp$  |        | 1 |             | 136        | Ш               | ]        |                     |          |          | Ш                           | $\perp$  |
| <u> </u> | 37       | 1        | 1            | ┞  | <u> </u>                               | <u> </u>  | <u> </u>     | Ь.       | Ш               |          |          | 87       | <u> </u>       | Ш        | Щ               |          | _        | $\perp$  | $\dashv$ | $\bot$ | 1 | <u></u>     | 137        | Ш               |          |                     |          |          | Ц                           | $\perp$  |
| <u> </u> | 38       | 1        | 1            | ┞-   | ļ                                      | <u> </u>  | ┞            | <u> </u> | $\sqcup$        | _        | L        | 88       | <u> </u>       | Щ        |                 | _        | 4        | 4        | 4        |        | 4 |             | 138        | Ш               |          | $\square$           |          |          | Ц                           | $\perp$  |
| <u> </u> | 39       | 1        | ╁            | <b>⊢</b> -                                       | ├                                      | Ь.  | ــ           | _        | $\sqcup$        | _        |          | 89       | ļ              | $\sqcup$ |                 | _        | _        | $\dashv$ | $\dashv$ |        | - | <u> </u>    | 139        | $\sqcup$        |          | $\square$           |          | Щ        | $\sqcup \downarrow$         | _        |
| -        | 40       | H        | $\vdash$     | -  | ┡                                      | -   | -            | $\vdash$ | $\vdash \vdash$ | _        | -        | 90       | ₩              | $\sqcup$ | Щ               | _        | _        | _        | _+       | +      | 4 | <u></u>     | 140        | $\sqcup$        | Щ        | $\sqcup \downarrow$ |          | Ш        | $\sqcup$                    | $\bot$   |
|          | 41       | ₩        | +-           | ₩  | -                                      | -   | -            | $\vdash$ | Н               |          | -        | 91       | $\vdash$       | Н        | $\sqcup$        |          | -        |          | -        | - -    | 4 | <u> </u>    | 141        | Ш               | $\Box$   |                     |          |          | ${\displaystyle ightarrow}$ | _        |
|          | 42       | H        | +            | -  | ├-                                     | ├-  | ₩            | -        | Н               | $\dashv$ | -        | 92       | ⊬              | $\vdash$ | $\vdash \vdash$ |          |          | -+       | $\dashv$ | +      | 4 | -           | 142        | Н               | -        |                     |          | $\vdash$ | $\dashv$                    | +        |
| -        | 43       | H        | +            | $\vdash$   | ├                                      | ├   | $\vdash$     | $\vdash$ | Н               | $\dashv$ | <u> </u> | 93<br>94 | $\vdash$       | Н        | $\dashv$        |          | $\dashv$ | -+       | $\dashv$ |        | - | <u> </u>    | 143<br>144 | $\vdash$        | $\dashv$ | $\vdash$            |          |          | $\vdash$                    | +        |
| -        | 45       | H        | +            | $\vdash$   | -                                      | $\vdash$  | ╁            | -        | $\vdash \vdash$ | $\dashv$ | <u> </u> | 95       | ┢              | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | +      | ┨ | -           | 145        | H               | -        | $\vdash$            |          | $\vdash$ | $\vdash$                    | +        |
| _        | 46       | H        | ╁            | <del>  -</del>                                   | $\vdash$                               | ╁   | $\vdash$     | $\vdash$ | H               | $\dashv$ | -        | 96       | $\vdash$       | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |        | - | $\vdash$    | 146        | $\vdash$        | $\vdash$ | $\vdash$            |          | $\vdash$ | $\vdash$                    | +        |
| -        | 47       | H        | +            | +-   | ╁                                      | $\vdash$  | ╁            | H        | $\vdash$        | $\dashv$ |          | 97       | $\vdash$       | $\vdash$ | $\vdash$        |          | $\dashv$ | -+       | $\dashv$ |        | ┨ | <del></del> | 147        | $\vdash$        | $\vdash$ | $\vdash$            |          | $\dashv$ | $\vdash$                    | +        |
| -        | 48       | H        | +            | t  | H                                      | t   | <del> </del> |          | $\vdash$        | $\dashv$ | <u> </u> | 98       | <del>  -</del> | H        | $\vdash$        | +        | $\dashv$ | $\dashv$ | $\dashv$ | +      | 1 |             | 148        | Н               | -        | $\vdash$            |          | -        | $\vdash$                    | $\dashv$ |
|          | 49       | Ħ        | T            | $t^-$  | T                                      | T   | $t^-$        |          | H               | $\dashv$ |          | 99       | T              | Н        | $\dashv$        | ᅥ        | $\dashv$ | 十        | $\dashv$ | +      | 1 |             | 149        | $\vdash$        | $\vdash$ | $\vdash$            | -        | H        | $\vdash$                    | +        |
|          | 50       | V        | +            | t  | $\vdash$                               | $\vdash$  | $\vdash$     | $\vdash$ | Н               | $\dashv$ | 1        | 100      | $\vdash$       | H        | H               | $\dashv$ | $\dashv$ | 十        | 十        | +      | 1 | -           | 150        | H               |          | $\vdash$            |          | $\vdash$ | $\vdash$                    | $\dashv$ |
|          |          | . *      |              | _  | _                                      | _   | _            |          | لب              |          |          | ,        |                |          |                 | !        |          |          |          |        | Ĺ | Ь—          | 1 .00      | ш               | ш        | Ц                   |          |          | للب                         | _        |